

CLMPTO

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CLAIM 1 (CANCELLED)

201. (New) An image carrier unit comprising:
an image carrier around which a developing device, a cleaning device and a charging
device are arranged as components of an image forming apparatus;
a holder protruding from a surface portion of the image carrier unit; and
means for inputting power for driving the image carrier,
wherein part of the components is removable from the image forming apparatus by
being moved upward in a preselected direction in a preselected order,
any one of the components is unable to be dismounted from the image forming
apparatus until another component having priority with respect to the preselected order has
been dismounted from the image forming apparatus, and
the component unremovable from the image forming apparatus and arranged at a
position above the components removable in the preselected direction is retractable from the
position.

202. (New) An image carrier unit comprising:

an image carrier around which a developing device, a cleaning device and a charging device are arranged as components of an image forming apparatus;
a holder protruding from a surface portion of the image carrier unit; and
means for inputting power for driving the image carrier,
wherein part of the components is mountable to the image forming apparatus by being moved in a preselected direction in a preselected order,
any one of the components is unable to be mounted to the image forming apparatus until another component having priority with respect to the preselected order has been mounted to the image forming apparatus, and

the component unremovable from the image forming apparatus and arranged at a position above the components removable in the preselected direction is retractable from the position.

203. (New) An image carrier unit comprising:

an image carrier around which a developing device, a cleaning device and a charging device are arranged as components of an image forming apparatus,
wherein part of the components is removable from the image forming apparatus by being moved upward in a preselected direction in a preselected order,
any one of the components is unable to be dismounted from the image forming apparatus until another component having priority with respect to the preselected order has been dismounted from the image forming apparatus, and

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the components unremovable from the image forming apparatus and arranged at a position above the component removable in the preselected direction is retractable from the position.

204. (New) An image carrier unit comprising:

an image carrier around which a developing device, a cleaning device and a charging device are arranged as components of an image forming apparatus,
wherein part of the components is mountable to the image forming apparatus by being moved in a preselected direction in a preselected order,
any one of the components is unable to be mounted to the image forming apparatus until another component having priority with respect to the preselected order has been mounted to the image forming apparatus, and

the component unremovable from the image forming apparatus and arranged at a position above the components removable in the preselected direction is retractable from the position.

205. (New) An image carrier unit comprising:

a developing device, a cleaning device and a charging device disposed around an

image carrier as components of an image forming apparatus,

wherein at least one of the components is configured to be removed from the image

forming apparatus by being moved in a preselected direction in a preselected order,

a first one of the components is configured so as to be unable to be dismounted from
the image forming apparatus until a second one of the component having priority with respect
to the preselected order has been dismounted from the image forming apparatus, and

the first one of the components is arranged at a position adjacent the second one of the
components and is configured to be retracted from the position.

206. (New) An image carrier unit comprising:

a developing device, a cleaning device and a charging device disposed around an

image carrier as components of an image forming apparatus,

wherein at least one of the components is configured to be mounted to the image
forming apparatus by being moved in a preselected direction in a preselected order,

a first one of the components is configured so as to be unable to be mounted to the
image forming apparatus until a second one the component having priority with respect to the
preselected order has been mounted to the image forming apparatus, and

the first one of the component is arranged at a position adjacent the second one of the
components and is configured to be retracted from the position.

207. (New) An image carrier unit comprising:

components comprising a developing device, a cleaning device and a charging device

disposed around an image carrier,

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wherein a first one of the components is configured to be unable to be dismounted from the image carrier unit until a second one of the component has been dismounted from the image carrier unit, and

the first one of the components is arranged at a position adjacent the second one of the components and is configured to be retracted from the position.

208. (New) An image carrier unit comprising:
components comprising a developing device, a cleaning device and a charging device disposed around an image carrier,

wherein a first one of the components is configured to be unable to be mounted to the image carrier unit until a second one the component has been mounted to the image carrier

unit, and

the first one of the component is arranged at a position adjacent the second one of the components and is configured to be retracted from the position.

209. (New) The image carrier unit according to claim 207, wherein the first one of the components comprises one of the developing device, the cleaning device, and the charging device and the second one of the components comprises the image carrier.

210. (New) The image carrier unit according to claim 207, wherein the first one of the components comprises one of the image carrier and the developing device, and the second one of the components comprises one of the cleaning device and the charging device.

211. (New) An image carrier unit comprising:

components comprising means for developing, means for cleaning and means for

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charging disposed around means for carrying an image,
wherein a first one of the components is configured to be unable to be dismounted
from the image carrier unit until a second one of the component has been dismounted from
the image carrier unit, and

the first one of the components is arranged at a position adjacent the second one of the
components and is configured to be retracted from the position.

212. (New) An image carrier unit comprising:
components comprising means for developing, means for cleaning and means for
charging disposed means for carrying an image,
wherein a first one of the components is configured to be unable to be mounted to the
image carrier unit until a second one the component has been mounted to the image carrier
unit, and

the first one of the component is arranged at a position adjacent the second one of the
components and is configured to be retracted from the position.

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213. (New) The image carrier unit according to claim 211, wherein the means for developing comprises a developing device, the means for cleaning comprises a cleaning device, and the means for charging comprises a developing device.

214. (New) The image carrier unit according to claim 213, wherein the means for carrying an image comprises an image carrier.

215. (New) The image carrier unit according to claim 211, wherein the means for carrying an image comprises an image carrier.

216. (New) The image carrier unit according to claim 212, wherein the means for developing comprises a developing device, the means for cleaning comprises a cleaning device, and the means for charging comprises a developing device.

217. (New) The image carrier unit according to claim 216, wherein the means for carrying an image comprises an image carrier.

218. (New) The image carrier unit according to claim 212, wherein the means for carrying an image comprises an image carrier.

219. (New) An image forming apparatus comprising:

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a main body, an image carrier, and a developing device, wherein the developing device is configured to be dismounted from the main body of the image forming apparatus after the image carrier has been removed from the main body, and wherein the image carrier is associated with a member comprising a plurality of holders protruding from a surface portion of the image carrier.

220. (New) A developing device configured to be mounted to and dismounted from an image carrier unit, comprising:

a body configured to store a toner; and
a roller configured to deliver the toner to an image carrier to develop an image,
wherein the developing device is configured to be dismounted from the image carrier unit before a cleaning device configured to clean the image carrier and a charging device configured to charge the image carrier.

221. (New) The developing device according to claim 220, wherein the developing device is configured to be dismounted from the image carrier unit after the image carrier.

222. (New) A developing device configured to be mounted to and dismounted from an image carrier unit, comprising:

a body configured to store a toner; and

a roller configured to deliver the toner to an image carrier to develop an image,

wherein the developing device is configured to be dismounted from the image carrier unit before the image carrier.

223. (New) The developing device according to claim 222, wherein the developing device is configured to be dismounted from the image carrier unit after a unit comprising a cleaning device configured to clean the image carrier and a charging device configured to charge the image carrier.

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224. (New) A developing device configured to be mounted to and dismounted from an image carrier unit, comprising:

a body configured to store a toner; and
a roller configured to deliver the toner to an image carrier to develop an image,
wherein the developing device is configured to be dismounted from the image carrier unit in a unit comprising the image carrier before a unit comprising a cleaning device configured to clean the image carrier and a charging device configured to charge the image carrier.

225. (New) An image carrier configured to be mounted to and dismounted from an image carrier unit, comprising:

a drum configured to have an image formed thereon; and
a bearing on which the drum is configured to rotate,

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wherein the image carrier is configured to be dismounted from the image carrier unit before a developing device configured to develop the image on the image carrier, a cleaning device configured to clean the image carrier, and a charging device configured to charge the image carrier.

226. (New) An image carrier configured to be mounted to and dismounted from an image carrier unit, comprising:

a drum configured to have an image formed thereon; and

a bearing on which the drum is configured to rotate,

wherein the image carrier is configured to be dismounted from the image carrier unit after a developing device configured to develop the image on the image carrier and a unit comprising a cleaning device configured to clean the image carrier and a charging device configured to charge the image carrier.

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227. (New) An image carrier configured to be mounted to and dismounted from an image carrier unit, comprising:

a drum configured to have an image formed thereon; and
a bearing on which the drum is configured to rotate,
wherein the image carrier is configured to be dismounted from the image carrier unit
in a unit comprising a developing device configured to develop the image on the image
carrier after a unit comprising a cleaning device configured to clean the image carrier and a
charging device configured to charge the image carrier.

228. (New) A charging device configured to be mounted to and dismounted from an image carrier unit, comprising:

a roller configured to charge an image carrier; and
a bearing on which the roller is configured to rotate,

wherein the charging device is configured to be dismounted from the image carrier unit after the image carrier, a developing device configured to develop an image on the image carrier, and a charging device configured to charge the image carrier.

229. (New) A charging device configured to be mounted to and dismounted from an image carrier unit, comprising:

a roller configured to charge an image carrier; and

a bearing on which the roller is configured to rotate,

wherein the charging device is configured to be dismounted from the image carrier unit in a unit comprising a cleaning device configured to clean the image carrier before the image carrier and a developing device configured to develop an image on the image carrier.

230. (New) A charging device configured to be mounted to and dismounted from an image carrier unit, comprising:

a roller configured to charge an image carrier; and

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a bearing on which the charging roller is configured to rotate,
wherein the charging device is configured to be dismounted from the image carrier
unit in a unit comprising a cleaning device configured to clean the image carrier before a unit
comprising the image carrier and a developing device configured to develop an image on the
image carrier.

231. (New) A cleaning device configured to be mounted to and dismounted from an
image carrier unit, comprising:

a blade configured to remove toner from an image carrier; and
a member configured to direct the toner removed by the blade,
wherein the cleaning device is configured to be dismounted from the image carrier
unit before a charging device configured to charge the image carrier.

232. (New) The cleaning device according to claim 231, wherein the cleaning device
is configured to be dismounted from the image carrier unit after the image carrier and a
developing device configured to develop an image on the image carrier.

233. (New) A cleaning device configured to be mounted to and dismounted from an
image carrier unit, comprising:

a blade configured to remove toner from an image carrier; and
a member configured to direct the toner removed by the blade,
wherein the cleaning device is configured to be dismounted from the image carrier
unit in a unit comprising a charging device configured to charge the image carrier before the
image carrier and a developing device configured to develop an image on the image carrier.

234. (New) A cleaning device configured to be mounted to and dismounted from an
image carrier unit, comprising:

a blade configured to remove toner from an image carrier; and

a member configured to direct the toner removed by the blade,

wherein the cleaning device is configured to be dismounted from the image carrier unit in a unit comprising a charging device configured to charge the image carrier before a unit comprising the image carrier and a developing device configured to develop an image on the image carrier.